SHARQAWY WAEL

Software Engineering Student

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SUMMARY

Computer Engineering student experienced in building production-ready web platforms using Next.js, Node.js, AstroJS, PostgreSQL, and Appwrite. Strong background in Operating Systems, Computer Architecture, and system-level programming (C/C++ & Java). Built and led development of *Yaleeq*, an early-stage internship-matching platform used by Egyptian university students.

EDUCATION

- Bachelor of Computer and Artifiial Intelligence Engineering.   **2023 – 2027**
  Ain Shams University – Cairo, Egypt | GPA: 3.4 (Excellent)

- Bachelor of Computer Science.   **2023 – 2027**
  University of East London – London, United Kingdom | GPA: 4.0

PROJECTS

- **Yaleeq - Co-Founder & Full-Stack Developer** *(Next.js, Node.js, Appwrite, TailwindCSS)* [Try it]
  - A web platform helping Egyptian university students find internships and optimize their CVs
  - Built the full-stack platform including **student app**, **organizations dashboard**, and **admin panel**, handling **auth**, **profile management**, and **CV uploads** using Appwrite
  - Designed **UI/UX**, logo, and **brand identity**; deployed landing page and public marketing site on **Vercel**
  - **Onboarded 700+ students** and collected **200+ CVs** during pre-launch phase; formed **2 partnerships** with student organizations for internship and courses sourcing

- **FOS - Educational Operating System (C, QEMU, Bochs)** [Code]
  - Implemented **kernel** memory allocation & paging

- **Predict the Item Price – Kaggle ML Competition (Python, Scikit-learn)** [Code]
  - Built preprocessing & feature engineering pipeline

- **Gym Management System (JavaFX, SQL Server)** [Code]
  - Designed ERD and implemented UI + DAO structure

SKILLS

- **Languages:** C/C++, Java, JavaScript/TypeScript, Python
- **Frameworks:** Node.js, Express.js, React, Next.js, Astro.js, JavaFX
- **Databases:** MySQL, MongoDB, PostgreSQL, SQL Server
- **Tools:** Git/GitHub, Docker, Linux, AWS
- **Core Knowledge:** OOP, OS Internals, Data Structures, Algorithms, System Design Basics

EXTRACURRICULARS

- Actively solving problems on **LeetCode** and participated in Codeforces contests. Completed **competitive programming training** with **Coach Academy** with exceptional performance [Certificate]